

ELECTRONIC CRANE SCALES

MCWL SMART



USER MANUAL

INDEX

INTRODUCTION.....	page 2
WARNINGS	page 2
SYMBOLS.....	page 3

CRANE SCALE

1 TECHNICAL SPECIFICATIONS.....	page 4
2 OPERATING INSTRUCTIONS	page 4
3 DIMENSIONS.....	page 5
4 POWER SUPPLY AND START UP	page 6

WEIGHT INDICATOR

5 FRONT PANEL KEYS	page 7
6 SYMBOLS ON LCD DISPLAY.....	page 8
7 BASIC FUNCTION.....	page 8
7.1 ZERO SCALE.....	page 8
7.2 TARE OPERATIONS	page 8
7.3 AUTO SWITCH-OFF FUNCTION.....	page 9
7.4 MULTIRANGE AND MULTIDIVISION FUNCTION.....	page 9
7.5 FUNCTIONING WITH REMOTE CONTROL.....	page 10
7.6 DATA TRANSMISSION TO PRINTER OR PC.....	page 10
7.7 REENABLING OF THE PRINTOUTS AND INDICATOR FUNCTIONS	page 11
7.8 METRIC DATA VISUALISATION (inFO)	page 11
7.9 DISPLAY WITH SENSITIVITY X 10 (VISS) (TO BE USED IN TESTING DURING THE CALIBRATION).....	page 11
7.10 NET/GROSS SWITCHING.....	page 11
7.11 TILT DEVICE.....	page 11
7.12 LOW BATTERY WARNING	page 12
8 SELECTABLE FUNCTIONING MODES.....	page 12
8.1 NORMAL (norM)	page 12
8.2 PEAK (PEAK).....	page 12
8.3 HOLD (HoLd)	page 12
8.4 TOTALISER (tot)	page 12
9 INSTRUMENT MESSAGES.....	page 13
10 PRINTOUT EXAMPLES	page 14
CE DECLARATION OF CONFORMITY	page 15
WARRANTY AND AUTHORISED SERVICE CENTER STAMP	page 15

INTRODUCTION

This manual contains all the instructions for use and all information necessary for the correct operation of the weighing system.

In thanking you for the acquisition of this weight system, we want to call to your attention some aspects of this manual:

- This booklet supplies useful instructions for the correct operation and maintenance of the weighing system to which it refers; it is therefore necessary to pay the utmost attention to all the paragraphs which illustrate the most simple and secure way to operate;
- This booklet must be considered an integral part of the weighing system and must be included with the deed of sale;
- Neither this publication, nor part of it, can be reproduced without written authorization on the part of the manufacturing firm;
- All of the information reported herein is based on data available at the moment of printing; the manufacturing firm reserves the right to carry out modifications to its own products at any moment, without notice and without any sanction. It is therefore suggested to always verify possible updates.
- Some functions written in the sections regarding the weight indicator might not be available, because these depend on the type of weighing system that has been purchased.

PS: The person responsible for the use of the weight indicator must make sure that all of the safety rules in force in the country of its use should be applied, to guarantee that the equipment is used in conformity with the use for which it is destined and avoid any dangerous situation for the user.

The manufacturing firm declines any responsibility derivable from possible errors of weighing.



Any attempt to repair or alter the unit can expose the user to the danger of electric shock and it will void our warranty. This instrument is covered under warranty provided that **IT HAS NOT BEEN OPENED BY THE USER** for any reason.

Organizational measures

- Only trained and instructed persons may operate the appliance.
- Make sure that the instruction manual is always available on the installation site of the crane.
- Have installation, commissioning, maintenance and repairs carried out by specially trained personnel only.
- Only use original replacement parts.
- All the connections of the indicator have to be made respecting the rules applicable in the zone and in the installing environment.

Intended use

- Use the crane scale exclusively for lifting and weighing freely moveable loads and for tension measurements.
- Movable loads which can cause torque stresses must be hanged with flexible or turnable constraints.
- DO NOT exceed the rated load capacity of the crane, crane scale or any load bearing item attached to the crane scale.
- DO NOT transport persons.
- DO NOT tear, loose, pull or drag loads.
- Changes or modifications to the crane scale or the crane are NOT permitted.
- DO NOT pour liquids on the indicator.
- DO NOT use solvents to clean the indicator.

- DO NOT expose instrument to either direct sun light or any heat sources.
- DO NOT expose to heavy magnetic or electric fields.
- DO NOT not install in an environment with any risk of explosion

Safety conscious working methods

- Never walk or stand under hanging loads.
- Only position the crane so that the load is lifted vertically.
- Wear personal safety equipment (helmet, safety gloves) when working with the crane and crane scale.
- Position the load without causing knocks.
- Do use hardware that creates single point attachments and allows the scale freedom of alignment.
- DO NOT use oversize interface hardware which restricts single point loading.
- DO NOT use multiple attachments.
- DO NOT push or pull the load or the loaded scale.
- Read carefully & apply what described in the POWER SUPPLY & START-UP section.

SYMBOLS

Please find below the symbols used:

- in the manual to recall the attention of the reader.
- on the instrument to recall the attention of the user.



Warning! This operation must be performed only by qualified personal.



Conforms to the standards of the European Union.



Identifies the Class Of Precision defined by the OIML to represent 3000 divisions

“TECH.MAN.REF.” means that an advanced function is being described (therefore for the technical personnel) which will be further explained in the corresponding technical manual.



The crossed-out wheeled bin on the product means that at the product end of life, it must be taken to separate collection or to the reseller when a new equivalent type of equipment is purchased. The adequate differentiated refuse collection in having the product recycled, helps to avoid possible negative effects on the environment and health and supports the recycling of the materials of which the equipment is made. The unlawful disposal of the product by the user will entail fines foreseen by the current regulations.



It is forbidden to halt or transit under suspended load.

CRANE SCALE

1 TECHNICAL SPECIFICATIONS

LOAD CELL	Strain gauge based with high accuracy and repeatability.
POWER SUPPLY	9 V alkaline internal battery easy to replace. About 35-hour operating time.
REMOTE CONTROL	fitted; it provides a maximum range of 8 m, configurable to operate tare function only or as 4 keys remote keyboard.
DISPLAY	LCD, character height 25 millimeters
STATUS INDICATORS	20 multifunction symbols on the LCD display
KEYBOARD	Water resistant key polycarbonate membrane with tactile feedback.
AUTO POWER OFF	Adjustable from 1 to 30 minutes of no use, disinsertable.
OPERATING TEMPERATURE	From -10 to +40° C
CASE	Oven fired, painted.

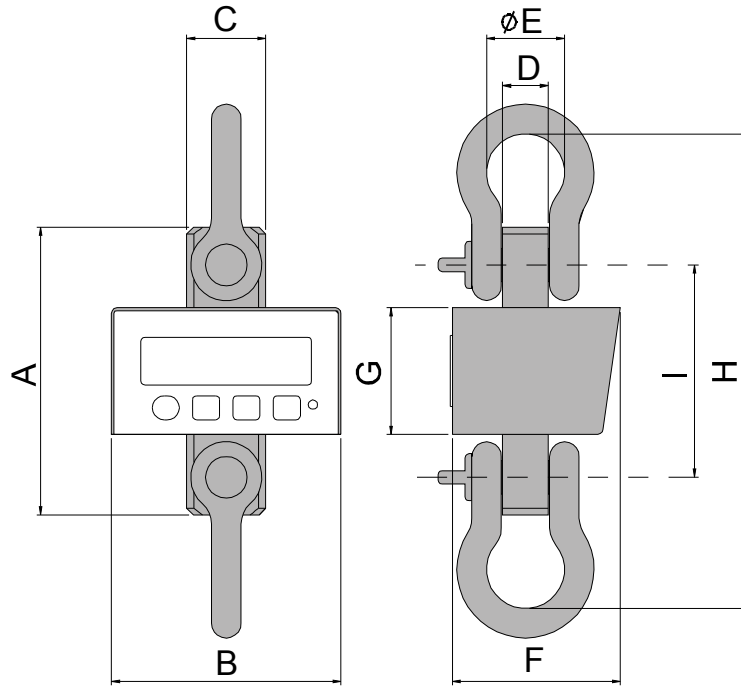
2 BASIC OPERATING INSTRUCTIONS

- 1) Suspend the instrument from the crane it will be used on and press push-button ON/OFF for a few seconds: all segments on the display will light for a few seconds as the crane scale conducts a lamp and other self-tests.
- 2) After the self-tests, press button for a few seconds marked ZERO/TARE. Especially important if the display shows a non-zero value without a load on the scale.
- 3) If any accessories have been applied to the crane scale (connection rings, chains, hooks etc.) it is necessary to press the ZERO/TARE key (pressed for an instant) or by using the remote control's TARE button.

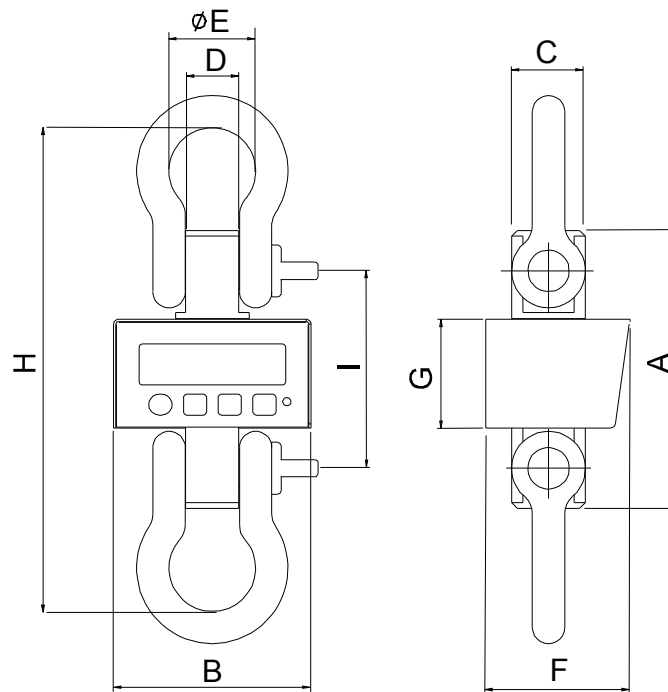
NOTES:

- The "TARE" key can be used with any weight applied in the range of its capacity.
 - If slings are used to handle the load, make sure that the load is properly balanced and that the slings are positioned properly.
- 4) When the display indicates " 0 ", the instrument is ready for use.
 - 5) Start lifting the load slowly.

3 DIMENSIONS (in mm)



MCWL600 / MCWLT6 / MCWLT1M / MCWLT5M



MCWLT10

	A	B	C	D	E	F	G	H	I
MCWL600 MCWLT1M	184	171	49	24	43	125	94	291	144
MCWLT6	214	171	59	33	58	125	94	353	158
MCWLT10 MCWLT5M	241	171	64	46	75	125	94	419	171

4 POWER SUPPLY & START UP

The instruments are normally powered with a stabilised 9 Vdc voltage supplied by a non rechargeable alkaline battery.

TO TURN ON the instrument press the ON/OFF key until the turning on and release.

The display shows in sequence:

- on -

07.01 in which 07 indicates the instrument type, 01 indicates the metrological software version.

XX.YY.ZZ is the installed software version.

LEGAL or **hlrES** if the instrument is APPROVED or NON APPROVED, respectively.

9.XXXXX it's the gravitational value (only with APPROVED instrument).

----- advancement bar.

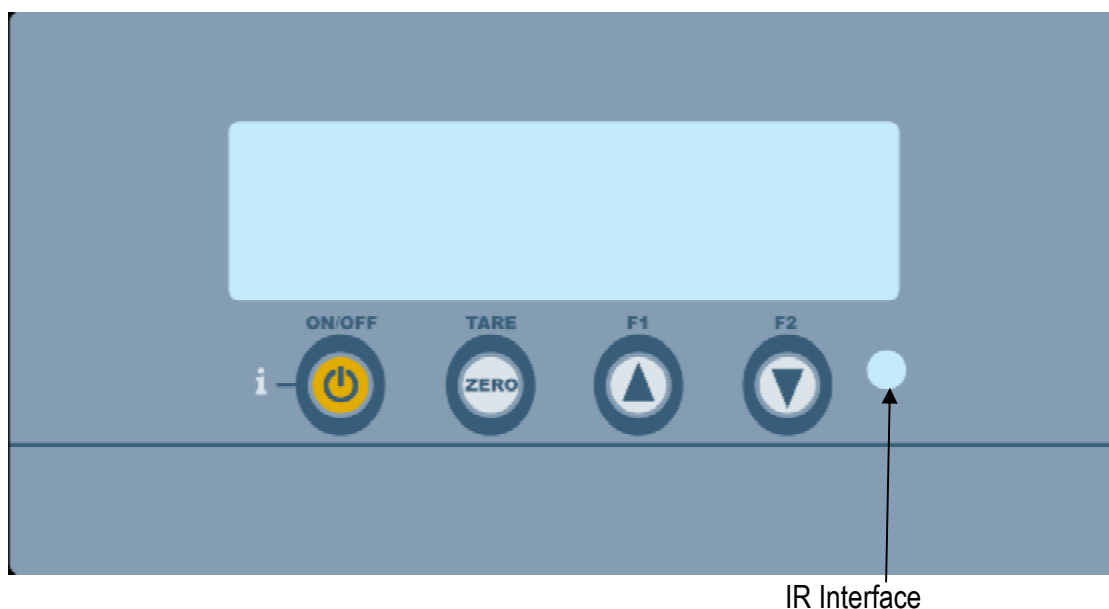
The indicator has an "auto zero at start-up" function: in other words it means that if at start-up a weight within +/- 10% of the capacity is detected, it will be zeroed; if the weight is not within this tolerance, with a non approved instrument the display shows the present weight after a few instants, while with an approved instrument "Z - LoW" (weigh too low) or "Z - hiG" (weigh too high) is shown continuously on the display, until the weight does not re-enter within this tolerance; the auto zero function at start-up may be disabled through the PC Tool (**TECH.MAN.REF.**).





TO TURN OFF the instrument keep the ON/OFF key pressed until the "- oFF -" message appears on the display and release the key.

WEIGHT INDICATOR

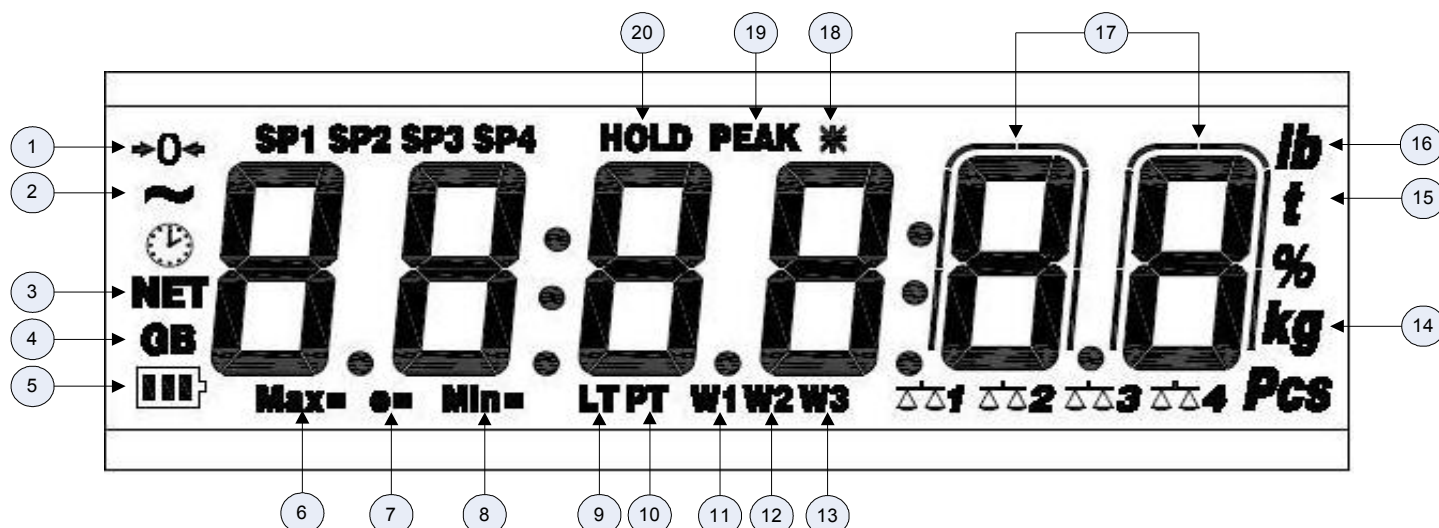
5 FRONT PANEL KEYS

The front panel is designed for quick but simple weighing applications. It consists of an LCD display with easy to read digits, 25 mm in height and 20 symbols for indicating the status or the active function.



ON/OFF key 	<ul style="list-style-type: none"> - It turns the instrument on and off. - Allows viewing the scale's metric information: capacity, division, minimum weigh for each configured range.
ZERO/TARE key 	<ul style="list-style-type: none"> - If pressed for an instant it carries out the semiautomatic tare. - If pressed at length, it clears the displayed gross weight, if it is within +/- 2% of the total capacity.
F1 key 	<ul style="list-style-type: none"> - If pressed at length, it allows to enter a manual tare from the keyboard. - In the numeric input phase, it increases the digit to be modified. - It enables the selected function. - In the totaliser mode, it prints the accumulated total
F2 key 	<ul style="list-style-type: none"> - In the numeric input phase, it serves to select the digit to be modified (blinking). - It executes the printing of the weight data. - In the totaliser mode, it accumulates the weight.

6 SYMBOLS ON LCD DISPLAY



NUMBER	FUNCTION
1	The weight detected on the weighing system is near zero, within the interval of $-1/4 \div +1/4$ of the division.
2	The weight is unstable.
3	The displayed weight is a net weight.
4	The displayed weight is a gross weight.
5	Indicates the battery charge level.
6	When viewing the metric information, it identifies the indicated capacity range.
7	When viewing the metric information, it identifies the indicated minimum weigh range.
8	When viewing the metric information, it identifies the indicated division range.
9	A semiautomatic tare is active.
10	A manual tare is active.
11	The instrument is in the first weighing range.
12	The instrument is in the second weighing range.
13	The instrument is in the third weighing range.
14	Indicates the unit of measure in use (kilogram or gram).
15	Indicates the unit of measure in use (pounds).
16	Indicates the unit of measure in use (tons).
17	This is shown around the specific digits during the visualisation x 10.
18	A specific function of the indicator is active.
19	The peak function is active
20	The hold function is active

7 BASIC FUNCTIONS

7.1 ZERO SCALE

By pressing a long the ZERO/TARE key, it is possible to zero a gross weight value which is within $\pm 2\%$ of the capacity; after the zeroing, the display shows 0 and the relative pilot lights are turned on.

7.2 TARE OPERATIONS

SEMI-AUTOMATIC TARE

By pressing for an instant the ZERO/TARE key any weight value present on the display is tared: the display shows “tArE”, “-tA” for an instant and then 0 (net weight); the pilot lights turn on.

NOTE: The semiautomatic tare will be acquire only if the weight is AT LEAST A DIVISION, STABLE (instability ~ led off) and VALID (in other words, the OVERLOAD condition must not be created).

ENTERING THE MANUAL TARE FROM KEYBOARD

Press **F1** for a few seconds: the display shows "tArE" and then "000000". Enter the desired value using the following keys:

- F1** increases the blinking digit.
F2 selects the digit to be modified (blinking); the scrolling of the digits takes place from left to right.
ON/OFF if pressed for an instant it zeros the enable tare (if present) and allows to return to weighing mode

Confirm with the ZERO/TARE key; the value will be subtracted from the gross weight and the relative pilot lights will turn on.
If the entered value is not a multiple of the scale's minimum division, it will be rounded off.

CANCELLING A TARE

One can manually cancel the tare value in different ways:

- unload the scale and press the **ZERO/TARE** key.
- carry out the tares in deduction, partially unloading the scale and pressing **TARE** to zero the display.
- enter a manual tare equal to 0.

LIMITATION OF THE TARE FUNCTIONS

With approved instrument, it is possible to limit the tare functions, using the PC tool (**TECH.MAN.REF.**); the tare operations will have the following specifications:

SCALE CAPACITY	FUNCTIONING
< = 100kg	All the tare functions are disabled
> 100kg	<ul style="list-style-type: none"> - The SEMIAUTOMATIC TARE value can not be modified with a manual tare or from database. - The manual tare can be entered or modified only with an UNLOADED scale.

7.3 FUNCTION OF AUTOMATIC TURN-OFF

The scale is fitted of a programmable automatic turn-off function, which allows to save energy in case of not using it temporarily; the automatic turn-off starts functioning when the scale is unloaded (gross weight = 0) for the time (in minutes) programmed in **MoFF** step (**TECH.MAN.REF.**).

The values vary among:

- 00 DISABLED
 01 1 minute
 02 2 minutes
 ...
 30 30 minutes

7.4 MULTIRANGE AND MULTIDIVISION FUNCTION

The **multi range functioning** allows to subdivide the scale capacity in two or three ranges, each which is up to 3000 divisions, improving in this way the first range division in the dual range and the first two ranges in the triple range.

For example it is possible to approve the weighing system with:

- A single range: 6 kg capacity and 2 g division (3000 div.).
- Dual range: 6 / 3 kg capacity and 2/1 g division (3000 + 3000 div.).
- Triple range: 15 / 6 / 3 kg capacity and 5/2/1 g division (3000 + 3000 + 3000 div.).

NOTE: For the approval of the weighing system in dual and triple range the cell must have better technical features in comparison to the cell used for the approval in a single range.

This functioning is indicated by the turning on of the symbol which identify the range in which one is working: **W1** first range, **W2** second range, **W3** third range; by passing to the **W2** range, the second range division is enabled; by passing to the **W3** range, the third range division is enabled, at this point the **W1** first scale division is restored **only by passing the gross zero of the scale.**

The **multidivisional functioning** is similar to multirange, but with the difference that a range division is enabled as soon as one enters in its range interval (in other words **without passing by the scale zero**).

NOTE: The selection of the range number with multirange and multidivisional functioning is made during the indicator calibration (**TECH.MAN.REF.**).

7.5 REMOTE CONTROL

If the model is provided for a remote control it is possible to remotely use different scale functions or just the semiautomatic tare. To choose which type of functioning, one has to use the Pc Tool (**TECH.MAN.REF.**).

In the “multifunction” configuration, the remote control keys take on the following functions:

ZERO	It carries out the zero scale, and in the input phase it confirms the entered value.
TARE	If pressed for an instant it executes the semiautomatic tare; if pressed at length it allows to enter the manual tare.
F1/MODE	Emulates the function of the F1 key pressed for an instant.
F2/PRINT	Emulates the function of the F2 key pressed for an instant.

7.6 DATA TRANSMISSION TO PRINTER OR PC

- In the **normal, peak, hold** functioning modes, by pressing the **F2** key, one will have:

- GROSS weight
- TARE weight
- NET weight

NOTE: If the hold or peak function is active, the printed weights are always the “frozen” ones.

- In the **totaliser** functioning mode by pressing **F2** one will have:

- NET weight or weigh number.

- By pressing the **F1** key one will have:

- Net weight total and total number of weighs.

NOTE: The print data is not modifiable.

Executing printouts with NON approved scales.

In order to print with non approved scales the following conditions must exist:

- the weight must be stable;
- the gross weight must be ≥ 0 ;
- the printing is always active.

NOTE: In the totaliser mode in order to print the totalised weight the following must take place:

- the weight must be stable;
- the net weight must be \geq of a division;
- the printing is reactivated depending on the setting of a parameter through the PC Tool: passage by zero of the NET weight or weight instability (see section 7.7 “REENABLING OF THE PRINTOUTS AND OF THE INDICATOR FUNCTIONS”).

Legal for Trade scale printing.

In order to be able to print with a legal for trade scale the following conditions must exist:

- the weight must be stable;
- the net weight must be \geq the minimum weight (minimum of 20 divisions).
- the printing is reactivated depending on the setting of a parameter through the PC Tool: passage by zero of the NET weight or weight instability (see section 6.7 “REENABLING OF THE PRINTOUTS AND OF THE INDICATOR FUNCTIONS”).

7.7 REENABLING THE PRINTOUTS AND THE INDICATOR FUNCTIONS

While using the indicator, it is possible to incur into the “rELoAd” message shown on the display; this means that the printing or the function which one wants to carry out must be reenabled (in order to avoid unwanted executions).

It is possible to set the reenabling in different ways: “passage by zero of the net weight”, or “weight instability”, by using the PC Tool (**TECH.MAN.REF.**).

7.8 DISPLAY OF METRIC DATA (inFO)

The indicator is fitted with a function named “INFO”, thanks to which it is possible to view the configuration metric data:

The indicator is fitted with a function named “INFO”, thanks to which it is possible to view the configuration metric data:

- Keep the ON/OFF key pressed until the display shows “inFO”, and release.
- The capacity value of the first range will appear and the following data will **automatically** scroll in this order:
Capacity 1° range ⇒ Minimum weigh 1° range ⇒ Division 1° range ⇒
Capacity 2° range ⇒ Minimum weigh 2° range ⇒ Division 2° range ⇒
Capacity 3° range ⇒ Minimum weigh 3° range ⇒ Division 3° range.
- The indicator automatically returns in the weighing mode.

NOTES:

- The minimum weigh corresponds to 20 net weight divisions.
- The data of the second and third range appear only if actually configured.

7.9 DISPLAY WITH SENSITIVITY X 10 (TO BE USED IN TESTING DURING THE CALIBRATION)

- Press at length the **F2** key; the display shows “H- 10”.
- Press **ZERO/TARE** to confirm.
- The scale division will be divided by 10 (the relative pilot lights will turn on). If one prints during the visualisation x 10, the weight values will be printed with the normal sensitivity.
- **To disable the function**, press at length the **F2** key (the display shows “H- 10”).
- Press **ZERO/TARE** to confirm.

TAKE NOTE: In case the instrument is LEGAL FOR TRADE, the sensitivity times 10 is displayed for five seconds after which the instrument returns to standard weight displaying, and this displaying is possible only with capacities over 100 kg (220 lb). Furthermore, one can print only when the indicator is in normal sensitivity.

7.10 NET/GROSS SWITCH

If one sets a tare, it is in any case possible to view the gross weight on the display:

- Press at length the **F2** key; the display shows “H- 10”.
- Press the **F1** or **F2** key; the display shows “GroSS”.
- Press **ZERO/TARE** to confirm: the display shows the gross weight (the relative pilot lights turn on).
- **To disable the function**, press at length the **F2** key (the display shows “H- 10”).
- Press the **F1** or **F2** key, the display shows “GroSS”.
- Press **ZERO/TARE** to confirm.

NOTE: If the instrument is APPROVED, the visualisation of gross weight remains for about five seconds; then the instrument automatically will display the net weight.

7.11 "TILT" DEVICE

The TILT is a device which inhibits the indicator's weighing system and starts working when the instrument's inclination is greater than 2% for the pallet truck application or 5% for application on lift trucks.

The “tilt” message is shown on the display, alternate to the weight value.





The activation of the tilt alarm has a delay of about three seconds from the detection of the exceeding inclination.

See the electrical connection scheme (**TECH.MAN.REF.**) for the connection of the device.

7.12 LOW BATTERY WARNING

The indicator is able to recognize whether it is powered from the mains or through a battery.

The charge level is shown in the weighing phase by the battery symbol:

-  : battery is charged.
-  :
-  :
-  :battery is discharged: change the battery.

NOTES:

- The instrument automatically turns off when the voltage goes below the minimum level: the "Lo-bAt " message appears on the display for a few seconds.

8 SELECTABLE OPERATING MODES

Besides the standard weighing function with the tare subtraction, the indicator can carry out an additional function of either HOLD, PEAK or TOTALIZER.

The functioning mode is set in the "ModE" step of the set-up environment, TECH.MAN.REF.

8.1 NORMAL (norM)

Simple display functioning mode, with no function linked to the **F1** key.

8.2 PEAK (PEAK)

It is possible to use the instrument to store the maximum detected weight value during the weighing (PEAK), useful to measure, for example, the break load of the materials. By pressing the **F1** key the peak mode is activated; for an instant the "PEAK" message appears and the maximum weight reached until that moment is displayed. To end the test and return to the displaying of the weight on the scale, press again the **F1** key (the display shows for an instant the message "norM").

NOTE: If the weight goes into overload, the scale automatically returns into the "normal" weighing mode.

8.3 HOLD (HoLd)

By pressing the **F1** key for an instant the message "HoLd" will appear, and then the weight value on the scale will be frozen on the display. To return to standard displaying, press again the **F1** key (for an instant the message "norM" will appear and the weight returns to be the current one on the scale).

8.4 TOTALIZER (tot)

Every time one wants to accumulate and print the weight it is necessary to press **F2** (the message "SUMXXX" appears on the display, in which XXX is the number of the current weigh).

To avoid undesired accumulations, the **F2** key is active just once; it reenables itself if the weight passes by net zero or by unstability (otherwise the display shows "Reload").

NOTE: The reenabling can be set by using the tool on the PC (TECH.MAN.REF.)

To view and print the accumulated total, press **F1**; the display shows, in sequence:

- "totXXX" in which XXX is the number of the total weighs.
- the net weight total, blinking.

To clear the accumulated total, press **ZERO/TARE** while the net weight total is viewed (the display shows "totCLr"); press another key to not clear. If the accumulated total is equal to 0 kg, the instrument avoids the request of zeroing the total.

NOTES

- The accumulated total is cancelled when the instrument is turned off.
- The maximum number of totalisations is 999, it is necessary to clear the total in order to continue: by pressing the **F1** key, the "oVr999" message appears.

9 INSTRUMENT MESSAGES

MESSAGE	DESCRIPTION
- ok -	New scale zero acquired correctly
Z - LoW	The weight is too low to acquire the scale zero.
Z - hiG	The weight is too high for acquiring the scale zero.
P-LoW	The weight is too low in order to print or totalise.
P-hiG	The weight is too high in order to print or totalise.
d-SALE	It shows that, with an approved scale, the tare operation is not permitted unless the capacity is equal or less than 100 kg.
ubAL-1	Load unbalanced on channel 1.
ubAL-2	Load unbalanced on channel 2.
ubAL-3	Load unbalanced on channel 3.
ubAL-4	Load unbalanced on channel 4.
-----	Underload condition (weight under the gross zero minus the 16,6% of the capacity).
-----	Overload condition (weight exceeds the capacity value plus 9 divisions).
rELoAd	Weight not passed by net 0 or by unstability.
no-Stb	Unstable weight.
- PC-	Communication with PC under way.
und100	Indicates that, with approved scale, the visualisation with sensitivity times 10 is not allowed if the capacity is less than 100 kg.
T-No-Z	The tare is not 0: it's not possible to execute the manual tare (with limitation of the active tare)
G-No-Z	The gross weight is not 0: it's not possible to execute the manual tare (with limitation of the active tare)
t-MAN	Active manual tare: it's not possible to execute the semiautomatic tare (with limitation of the active tare)
t-rEGr	Tare in subtraction: it's not possible to execute the semiautomatic tare (with limitation of the active tare)
oVr-r	Value greater than the scale capacity: it's not possible to carry out the tare.
LEGAL	Function not allowed with approved scale.
oVr999	Once reached 999 totalisations one must clear the total in order to execute other ones.
Err -10, Err -11, Err -12, Err -13	Invalid first calibration point; check the calibration (TECH.MAN.REF.).
Err -14, Err -15, Err -16, Err -17	Invalid second calibration point; check the calibration (TECH.MAN.REF.).
Err -18, Err -19, Err -20, Err -21	Invalid third calibration point; check the calibration (TECH.MAN.REF.).
Err -30	Invalid zero tracking value; with the tool on the PC check in the "FUNCTIONING MODE / PRINTOUTS" mode (TECH.MAN.REF.).
no-PrG	The indicator has not been set correctly: check the capacity, division values and the calibration (TECH.MAN.REF.).

10 PRINTOUT EXAMPLES

GROSS	3.000	kg	
TARE	2.400	kg	
NET	0.600	kg	
Norm, peak, hold with semiautomatic tare.			

GROSS	3.000	kg	
PT	2.400	kg	
NET	0.600	kg	
Norm, peak, hold with manual tare			

NET	0.600	kg	n001
NET	0.800	kg	n002
NET	1.000	kg	n003
TOTAL	1.000	kg	n003
Totaliser Mode.			

DECLARATION OF CONFORMITY

This device conforms to the essential standards and norms relative to the applicable European regulations. The Declaration of Conformity is available in the web site www.vetek.com

ONE YEAR WARRANTY

The ONE YEAR warranty period begins on the day the instrument is delivered. It includes spare parts and labour repair at no charge if the INSTRUMENT IS RETURNED prepaid to the DEALER'S PLACE OF BUSINESS. Warranty covers all defects NOT attributable to the Customer (such as improper use) and NOT caused during transport.

If on site service is requested (or necessary), for any reason, where the instrument is used, the Customer will pay for all of the service technician's costs: travel time and expenses plus room and board (if any).

The Customer pays for the transport costs (both ways), if the instrument is shipped to DEALER or manufacturer for repair.

The WARRANTY is VOIDED if any of the following occurs: repairs or attempted repairs are made by unauthorised personnel, connected to equipment installed by others, or is incorrectly connected to the power supply, or instrument has defects or damage due to carelessness or failure to follow the guidelines in this instruction manual.

This warranty DOES NOT provide for any compensation for losses or damages incurred by the Customer due to complete or partial failure of instruments, even during the warranty period.

AUTHORISED SERVICE CENTRE STAMP

